

JP05023760 - English Language Abstract (WPINDEX)

L24 ANSWER 5 OF 26 WPINDEX (C) 2003 THOMSON DERWENT
AN 1993-079730 [11] WPINDEX
DNN N1993-061010 DNC C1993-035248
TI Mfg. porous metal foils for use as e.g. electrodes, chemical catalysts

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by rendering electrode surface water-repellent and then depositing metal

e.g. nickel by electrolysis in aq. soln..

DC J01 J04 L03 M11 P52 X16

PA (SUMM) SUMITOMO METAL MINING CO

PI.B JP 05023760 A 19930202 (199310)* 3p B21D033-00

ADT.B JP 05023760 A JP 1991-203993 19910718

PRAI JP 1991-203993 19910718

PNC 2

CYC 1

AB JP 05023760 A UPAB: 19930924

Mfr. comprises rendering electrode surface water repellent, and then depositing a metal by electrolysis in an aq. soln.

Pref. the electrode surface is rendered hydrophobic by coating

with a

carboxylic acid having hydrophobic gps. The metal foil is pref. Ni, Co,

or

Zn. The **electrode** pref. has a rough surface, pref., with a JISB 0616 specified Rz of 3-50. Useful carboxylic acid is specifically **stearic** acid.

USE/ADVANTAGE - Provides porous metal foils for use as electrodes, catalysts for chemical reactions, and filters for gases and liquids by

a

simple process.

O/O

FA AB

FS CPI EPI GMPI

Ref. No. 10